



SFOBB – Seismic Replacement Project
Status of Construction
Week Ending January 23rd, 2004



SKYWAY (04-012024)

Resident Engineer: Doug Coe

| | | |
|------------------------|--|---|
| Time Elapsed – 45% | Bid Opening date – December 19, 2001 | http://www.newbaybridge.org |
| Complete – 36% | Construction Began – February 6, 2002 | http://www.dot.ca.gov/dist4/sfobbbulletin.htm |
| Project Cost: \$1,043M | Est. Date of Completion – June 6, 2006 | http://biomitigation.org/ |

THIS PAST WEEK THE FOLLOWING WORK WAS DONE:

| | This Week | Total to Date | Project Total | Percent Complete |
|---------------------|-----------|---------------|---------------|------------------|
| FOUNDATIONS | | | | |
| Footing Boxes Set | 0 | 15 | 28 | 53.57% |
| Piles Driven | 3 | 74 | 160 | 44.38% |
| SUBSTRUCTURE | | | | |
| Pier Columns | 1 | 4 | 28 | 20.00% |
| Pier Access Casing | 0 | 3 | 20 | 15.00% |
| PRECAST YARD | | | | |
| Panels Cast | 6 | 197 | 876 | 22.49% |
| Segments Cast | 3 | 88 | 452 | 19.47% |

MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:

Note: All dates noted are subject to change according to the contractor's schedule and weather conditions

FOUNDATION AND SUBSTRUCTURE

- Pier 16E – Fabricate steel for soffit and stem walls
- Pier 15E – Construction of pier table falsework
- Pier 14E – Flood cell
- Pier 13E – Form and pour access casing
- Pier 12E – Pour concrete pier – 2nd lift
- Pier 11E – Place 2nd lift pier steel
- Pier 10E – Pour concrete top slab
- Pier 09E – Pour the 1st lift of concrete inside the piles, stud welding
- Pier 08E – Finish pile head connection welding
- Pier 07E – Finish cutting slots for pile head connections, start pile head connection welding
- Pier 06E – Cut slots for pile head connections
- Pier 05E – Seal annular spaces and dewater footing box
- Pier 04E – Splice and drive west side piles
- Pier 03E – Splice and drive west side piles
- Pier 16W – Clean top of footing box
- Pier 15W – Excavation and place structural bedding

PRECAST YARD (Stockton)

- Eight panels scheduled to be cast
- Four segments scheduled to be cast
- Continuing to assemble and load test the SLEDs
 - SLED = Self Launching Erection Device



PIER W2 STRUCTURES (04-0120C4)

Resident Engineer: Pedro Sanchez

Time Elapsed – 55%

Est. Date of Completion – May 26th, 2004

Structure Work Complete – 51%

Project Cost: \$25M

THIS PAST WEEK THE FOLLOWING WORK WAS DONE:

- W2E – Completed curing concrete. Removed cooling system.
- W2W – Worked on the footing forms. Placed more footing rebar. Continued working on the cooling system.

MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:

- W2E – Continue curing.
- W2W – Erect concrete form. Install mass concrete cooling system. Commence footing pour.

YBI SUBSTATION (04-0120G4)

Resident Engineer: Beau Wrightson

Time Elapsed – 59%

Est. Date of Completion – June 23rd, 2004

Complete – 42%

Project Cost: \$5.5M

THIS PAST WEEK THE FOLLOWING WORK WAS DONE:

RETROFIT WORK

- 100% COMPLETE

SUBSTATION

- 37% COMPLETE
- Finish cure, concrete pour #3
- Remove form braces, concrete pour #3
- Strip wall forms, concrete pour #3
- Begin setting wall forms, concrete pour #4
- Begin placing wall rebar, concrete pour #4
 - To “double up” a wall form means to place the second side. The first side of the wall form goes up followed by placement of rebar. After the rebar placement the second side of the wall goes up, which is termed “doubling up.”

UTILITY RELOCATION

- 8% COMPLETE
- Finish installing 150 mm compressed air pipe
- Continue installing 100 mm water pipe
- Install 150 mm water pipe
- Install 32 mm water pipe

MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:

SUBSTATION

- Finish setting wall forms, concrete pour #4
- Finish placing wall rebar, concrete pour #4
- Begin setting double up wall forms, concrete pour #4

UTILITY RELOCATIONS

- Finish installing 100 mm water pipe
- Switch over and activate new waterline service
- Abandon existing water main

Closures: WB 80 On-Ramp east of YBI tunnel



Note: Tentative opening date 7/1/2004



COAST GUARD ROAD RELOCATION (04-0120Q4) Resident Engineer: Richard Duncan

Time Elapsed – 100% Est. Date of Completion – March 6th, 2004

Complete – 80%

THIS PAST WEEK THE FOLLOWING WORK WAS DONE:

- Continued with repairing cast iron waterline at South footing
- Partially completed placing conduits along “M2” line
- Concrete canopy’s work delayed due to utility conflicts at South footing

MILESTONES AND IMPORTANT UPCOMING OPERATIONS IN THE NEXT THREE WEEKS:

- Relocated 12” PVC main waterline to avoid conflict with the South footing
- Reconstruct sanitary sewer manhole
- Restore existing support galvanized channel of the tie back system at CMU wall
- Placed conduits from lift station to canopy

COMPLETED PROJECTS

GEOFILL (04-012054)

YBI MIDDEN SITE (04-012074)

PILE INSTALL DEMO (04-012084)

Project accepted – April 1st, 2003

Project accepted – January 9th, 2003

Project accepted – December 15th, 2001

RE: Richard Duncan

RE: Beau Wrightson

RE: Mark Woods